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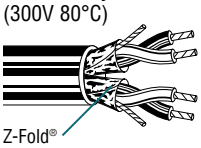
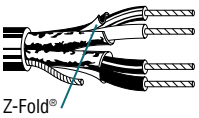
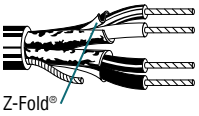
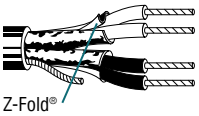
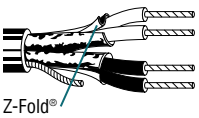
# Individually Shielded

Audio, Control and Instrumentation Cables
Plenum-Rated and Non-Plenum

**Jameco Part Number 234180**
**(8723-060-1000)**

| Description | Part No. | UL NEC/ C(UL) CEC Type | No. of Pairs | Color Code | Standard Lengths Ft. | Standard Lengths m | Standard Unit Weight Lbs. | Standard Unit Weight kg | Nom. DCR Cond. | Nom. DCR Shield | Nominal OD Inch | Nominal OD mm | Nom. Imp. (Ω) | Nom. Vel. of Prop. | Nom. Capacitance * pF/ Ft. | Nom. Capacitance * pF/ m | Nom. Capacitance ** pF/ Ft. | Nom. Capacitance ** pF/ m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **22 AWG** Stranded (7x30) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Beldfoil® • 22 AWG Stranded TC Drain Wire | | | | | | | | | | | | | | | | | | |
| **Semi-rigid PVC Insulation • Pale Fawn Beige PVC Jacket** (Shielded Pairs Parallel under Jacket) | | | | | | | | | | | | | | | | | | |
| UL AWM Style 2464 (300V 80°C)  Z-Fold® | **9406** | NEC: CMG CEC: CMG FT4 | 2 | Black & White, Black & Yellow | 100<br>U-500<br>500<br>U-1000<br>1000 | 30.5<br>U-152.4<br>152.4<br>U-304.8<br>304.8 | 4.2<br>16.5<br>17.0<br>33.0<br>33.0 | 1.9<br>7.5<br>7.7<br>15.0<br>15.0 | 15.0Ω/M′<br>49.2Ω/km | 13.0Ω/M′<br>42.7Ω/km | .173<br>x<br>.280 | 4.39<br>x<br>7.11 | 50 | 60% | 50 | 164 | 95 | 312 |
| **22 AWG** Stranded (7x30) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Beldfoil • 24 AWG Stranded TC Drain Wire | | | | | | | | | | | | | | | | | | |
| **Polypropylene Insulation • Chrome PVC Jacket** (Pairs Cabled on Common Axis to Reduce Diameter) | | | | | | | | | | | | | | | | | | |
| 300V RMS 60°C  Z-Fold® | **8723** | NEC: CM CEC: CM | 2 | Red & Black, Green & White | 100<br>U-500<br>500<br>U-1000<br>1000<br>1640<br>U-2000<br>2000<br>3280<br>5000<br>10000 | 30.5<br>U-152.4<br>152.4<br>U-304.8<br>304.8<br>499.9<br>U-609.6<br>609.6<br>999.7<br>1524.0<br>3048.0 | 2.3<br>10.5<br>10.0<br>20.0<br>20.0<br>32.8<br>40.0<br>40.0<br>65.6<br>95.0<br>200.0 | 1.0<br>4.8<br>4.5<br>9.1<br>9.1<br>14.9<br>18.2<br>18.2<br>29.8<br>43.2<br>90.9 | 15.0Ω/M′<br>49.2Ω/km | 16.6Ω/M′<br>54.5Ω/km | .168 | 4.27 | 45 | 66% | 35 | 115 | 62 | 203 |
| **Plenum • Halar® Insulation • Natural Flamarrest® Jacket** (Pairs Cabled on Common Axis to Reduce Diameter) | | | | | | | | | | | | | | | | | | |
| 300V RMS, Non-conduit  Z-Fold® | **82723** | NEC: CMP CEC: CMP FT6 | 2 | Red & Black, Green & White | U-500†<br>U-1000<br>1000†<br>U-2000† | U-152.4<br>U-304.8<br>304.8<br>U-609.6 | 10.0<br>19.0<br>20.0<br>38.0 | 4.5<br>8.6<br>9.1<br>17.3 | 14.7Ω/M′<br>48.2Ω/km | 16.6Ω/M′<br>54.5Ω/km | .148 | 3.76 | 36 | 62% | 43 | 141 | 75 | 246 |
| **Plenum • FEP Insulation • Red FEP Jacket** (Pairs Cabled on Common Axis to Reduce Diameter) | | | | | | | | | | | | | | | | | | |
| 300V RMS, Non-conduit  Z-Fold® | **88723** | NEC: CMP CEC: CMP FT6 | 2 | Red & Black, Green & White | 100<br>500<br>1000 | 30.5<br>152.4<br>304.8 | 3.4<br>11.0<br>21.0 | 1.5<br>5.0<br>9.5 | 16.0Ω/M′<br>52.5Ω/km | 14.7Ω/M′<br>48.2Ω/km | .148 | 3.76 | 40 | 69% | 35 | 115 | 67 | 220 |
| **Plenum • FEP Insulation • Red Fluorocopolymer Jacket** (Pairs Cabled on Common Axis to Reduce Diameter) | | | | | | | | | | | | | | | | | | |
| 300V RMS, Non-conduit  Z-Fold® | **87723** | NEC: CMP CEC: CMP FT6 | 2 | Red & Black, Green & White | 500†<br>1000† | 152.4<br>304.8 | 11.0<br>20.0 | 5.0<br>9.1 | 16.0Ω/M′<br>52.5Ω/km | 14.7Ω/M′<br>48.2Ω/km | .148 | 3.76 | 40 | 69% | 35 | 115 | 67 | 220 |

For Plenum versions of 8723, see 88723, 87723 or 82723.

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.
**Capacitance between one conductor and other conductors connected to shield.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length show.

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